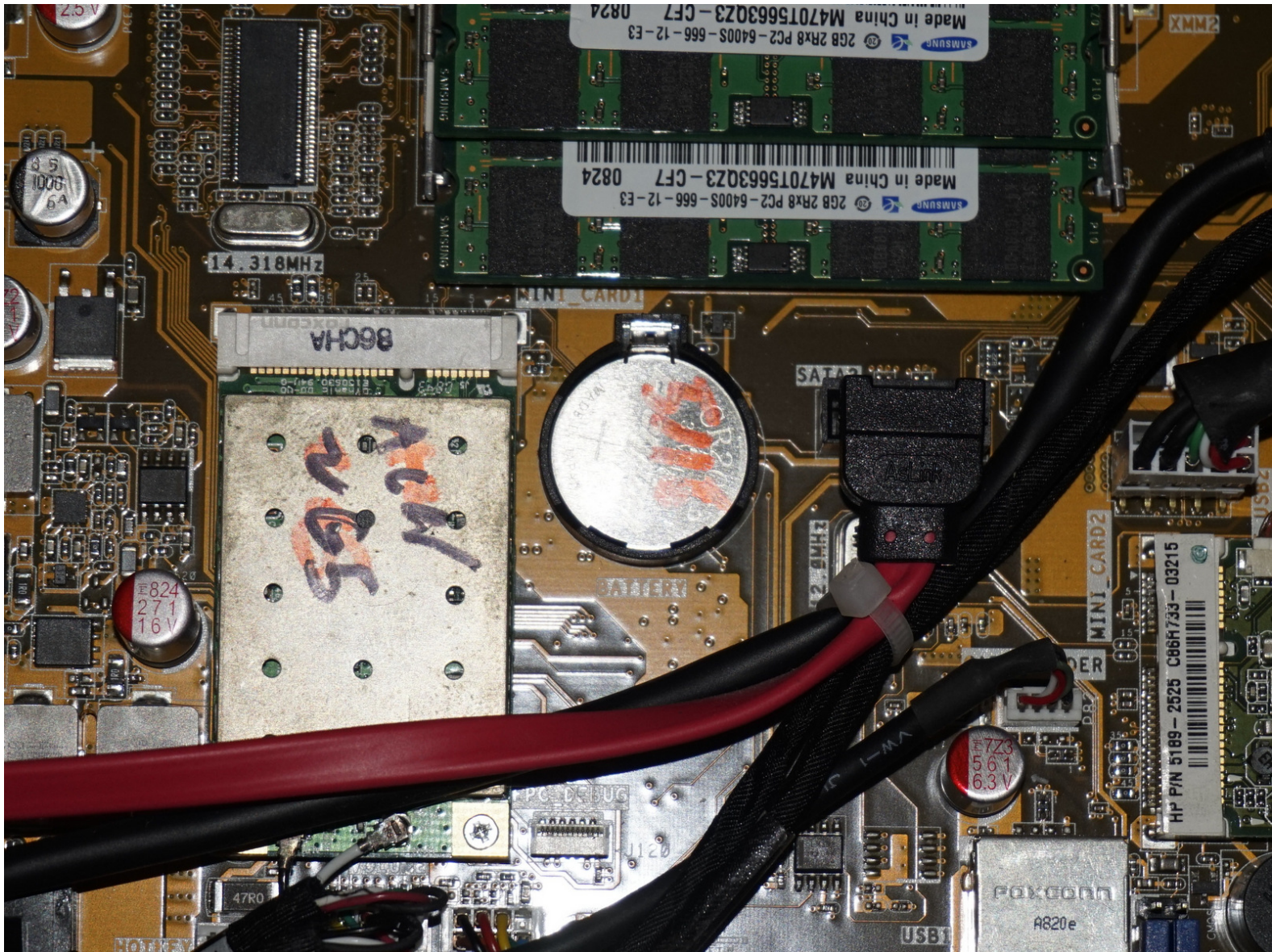




# HP Touchsmart IQ506 CMOS Battery Replacement

CMOS battery in your HP IQ506 dead, or at the point it should be replaced? Here's how to replace it.

Written By: Nick



## INTRODUCTION

Do you need to change the CMOS battery in your HP IQ506, but do not feel comfortable using the quick and dirty method? If so, this version of the guide will be better for you.

While this method works and is probably easier for some readers, it also takes more time to get done because you have to remove a lot of screws and 2 covers. It's still possible, but you will need to dedicate some time to the repair if you use this guide to replace the CMOS battery. Give it at least an hour or more if you are doing this for the first time. If this isn't your first then you can probably knock this down to 30 minutes.



### TOOLS:

- [64 Bit Driver Kit](#) (1)
- [Heavy-Duty Spudger](#) (1)

*Not strictly required. This may be required if the machine was never serviced before.*

- [ESD Safe Tweezers Blunt Nose](#) (1)

*Not strictly required. These come in handy if you can't unclip the battery by hand.*



### PARTS:

- [CR2032 Lithium Battery](#) (1)



## Step 1 — Unplug the system



- Unplug the system from the power brick.

## Step 2 — Remove the Wireless keyboard receiver



- Remove the Wireless receiver for the keyboard. Pull on the tab and it should come out.
- ⓘ This system has a USB hub connected because I did not get the original keyboard with it and the receiver was broken. I could not buy it, so I settled on using a cheap USB hub and a Micro receiver Logitech keyboard. This is not normal.

### Step 3 — Remove the RAM door



- Unscrew the RAM door from the system. Once you do this, unclip it from the bottom and pull forward.

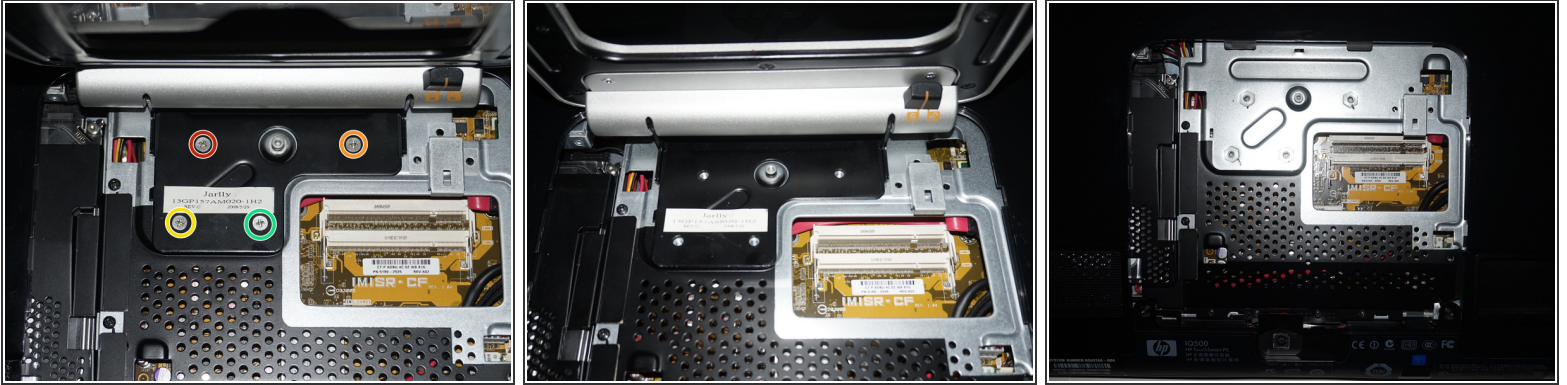
### Step 4 — Screwdriver placement tip



- ⓘ The top screws on the hinge are a burden to remove. You will have to do something like the pictures here show to make it go a little easier.



## Step 5 — Remove the stand



- Remove the stand from the system. Use a Phillips #1 screwdriver to loosen the 4 screws.
- ⓘ You may find it easier to put the screwdriver in from the back to remove the top stand screws. These are hard to get otherwise.

## Step 6 — Remove the screws from the system



- Remove the 3 screws in the I/O bay of the system.
- Remove the 2 screws from under the RAM panel. **Note: One screw is missing from the pictures.**
- Remove the 2 screws from under the ODD cover. You may need to use your spudger to remove this cleanly.

## Step 7 — Remove the screws from the system 2



- Remove the 2 screws by the feet on the system chassis.

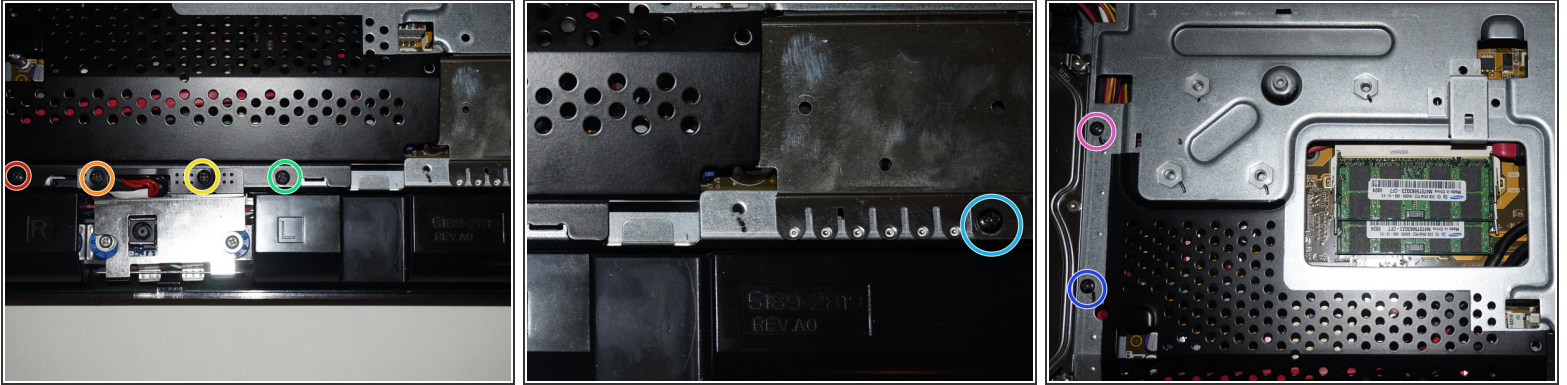
## Step 8 — Remove the back from the system



- Remove the back from the system.  
To do this the quickest with the least amount of pain, remove the bottom and work your way up.
- ⓘ You may need to use a spudger to help open the computer if the system has never been worked on before. I have opened this one before, so I do not need it.

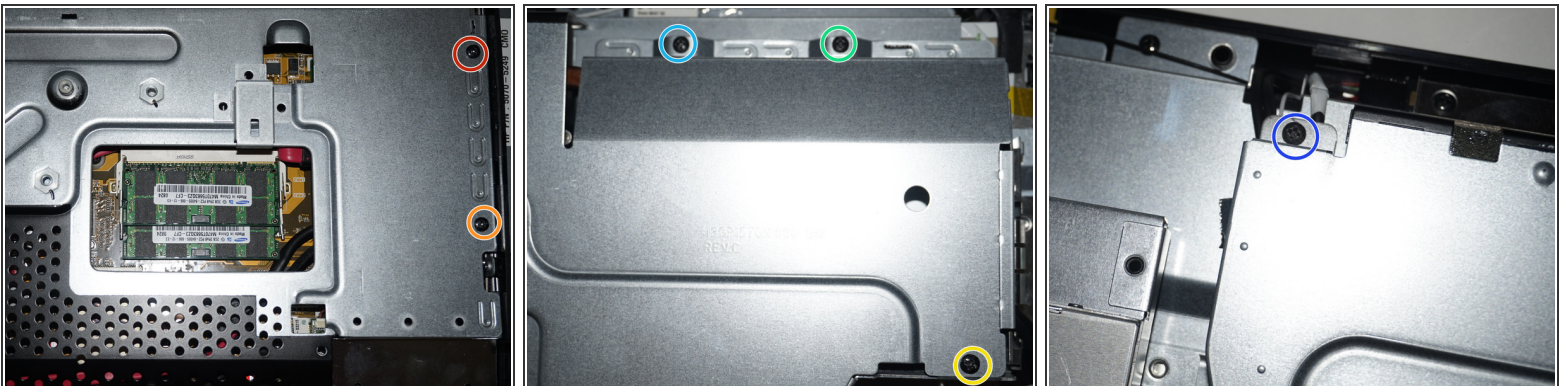


## Step 9 — Remove the motherboard shield



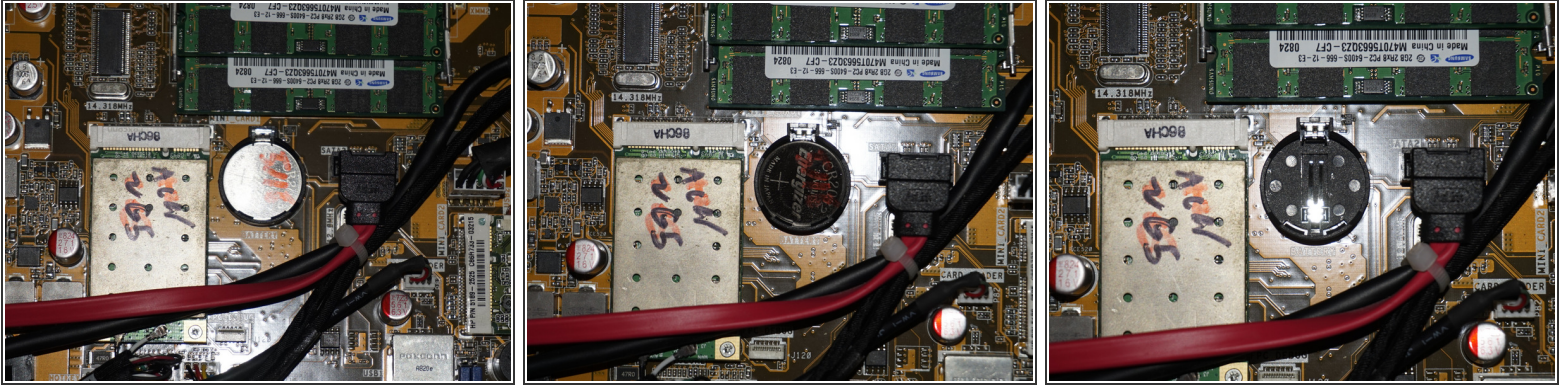
- Remove the **7** screws to reveal the motherboard and other major components. Use a **Phillips #1** screwdriver to do this.
- ⓘ There is a metal EMI cover over the laptop power jack in this system. You will have to remove it from the machine and replace it when you put the machine back together.

## Step 10 — Remove the motherboard shield 2



- Remove the **6** remaining screws from the motherboard shield. Use the same Phillips #1 screwdriver as you used the first time.

## Step 11 — Remove the battery



- Push the tab on the battery in and then remove it. Put the new battery in the reverse way of removal.
- ❗ Optional: Write the date you replaced it, and replace it after it gets too old for comfort. Most of the time, 5 years is the limit for these batteries before they need to be replaced.

To reassemble your device, follow these instructions in reverse order.

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